

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE ☒ WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

DATE FILED 8-4-80

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-29545

INDIAN

DRILLING APPROVED:

8-9-80

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

4-29-81- LA

DATE ABANDONED:

LOCATION ABANDONED * WELL NEVER DRILLED

FIELD: Undesignated

3/86

UNIT:

COUNTY:

San Juan

WELL NO.

Federal 3-17

API No. 43-037-30587

LOCATION

1000' FT. FROM XX (S) LINE.

1640'

FT. FROM XX (W) LINE.

SE SW

1/4 - 1/4 SEC. 17

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
30S	25E	17	CORDILLERA CORPORATION				

14

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Cordillera Corporation

3. ADDRESS OF OPERATOR

2334 East Third Avenue, Denver, CO 80206

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1640' FWL & 1000' FSL Section 17
At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12 miles south from La Sal, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 1000'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. 2000'

16. NO. OF ACRES IN LEASE

600

19. PROPOSED DEPTH

9600

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6840 GR

22. APPROX. DATE WORK WILL START*

August 1, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	48	1000'	580 SKS or Surface
12 1/4	9 5/8	36 - 40 - 43.5	5000'	500 SKS
7 7/8	5 1/2	17	9600'	600 SKS

1. Drill to 5000' with air mist or aerated mud, using brine water and P-1000 polymer.
2. Drill 7 7/8" hole to T.D. using salt saturated gel with H₂S and drill pipe inhibitor.
3. Test & log as needed and run 5 1/2" liner.
4. In case of dry hole, cement will be placed on top of salt and if 9 5/8" cannot be pulled, it will be perforated and cement squeezed at top of salt.

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 8-7-80

BY: M. J. Minder

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations, and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

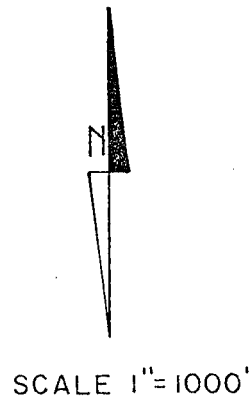
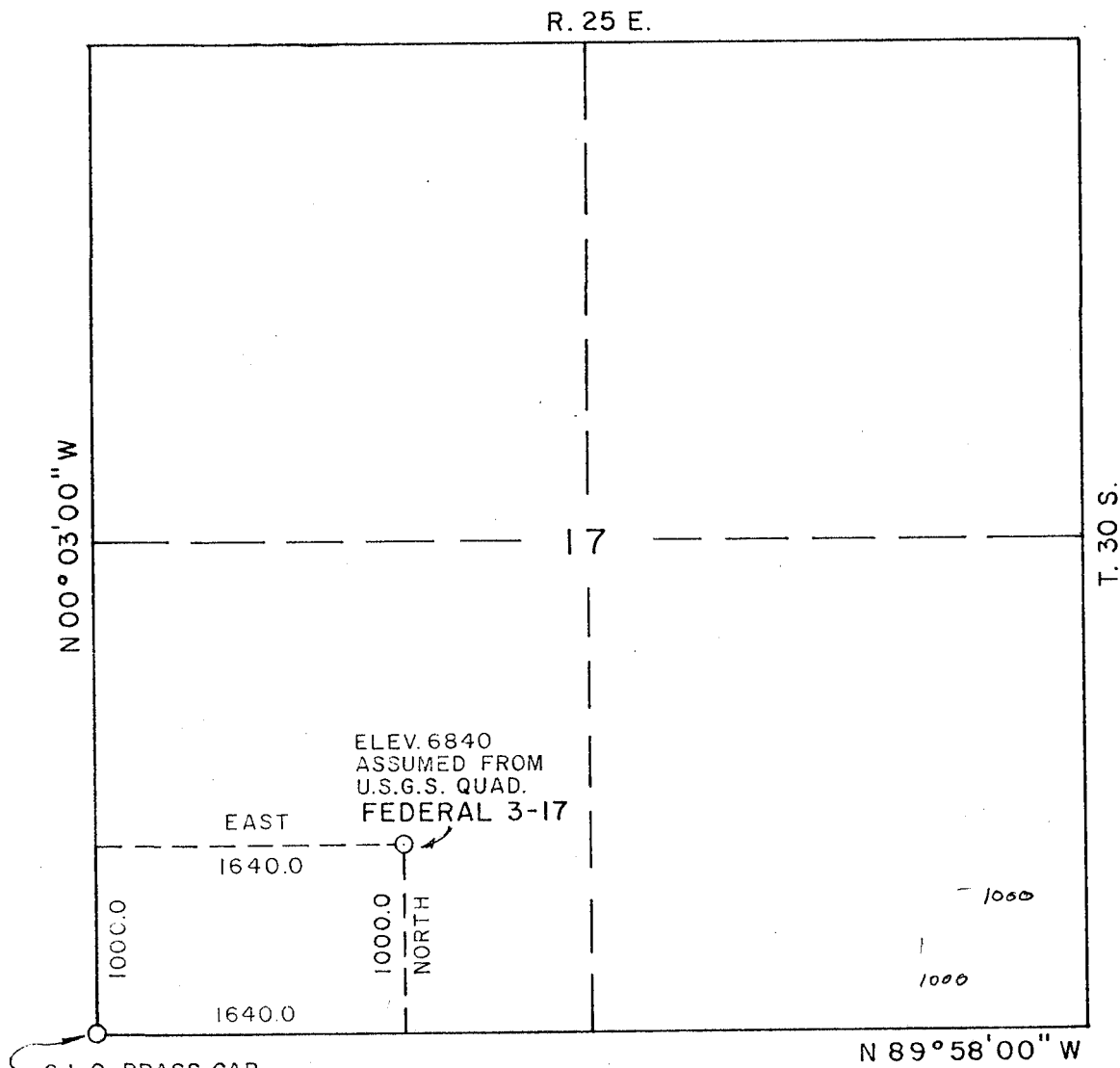
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



G.L.O. BRASS CAP
S.W. COR. SEC. 17,
T. 30 S., R. 25 E.,
S.L.B.M.

CORDILLERA CORP.
FEDERAL 3-17 WELL
WITHIN THE

S.W. 1/4, SEC. 17, T. 30 S., R. 25 E., S.L.B.M.

SAN JUAN COUNTY, UTAH

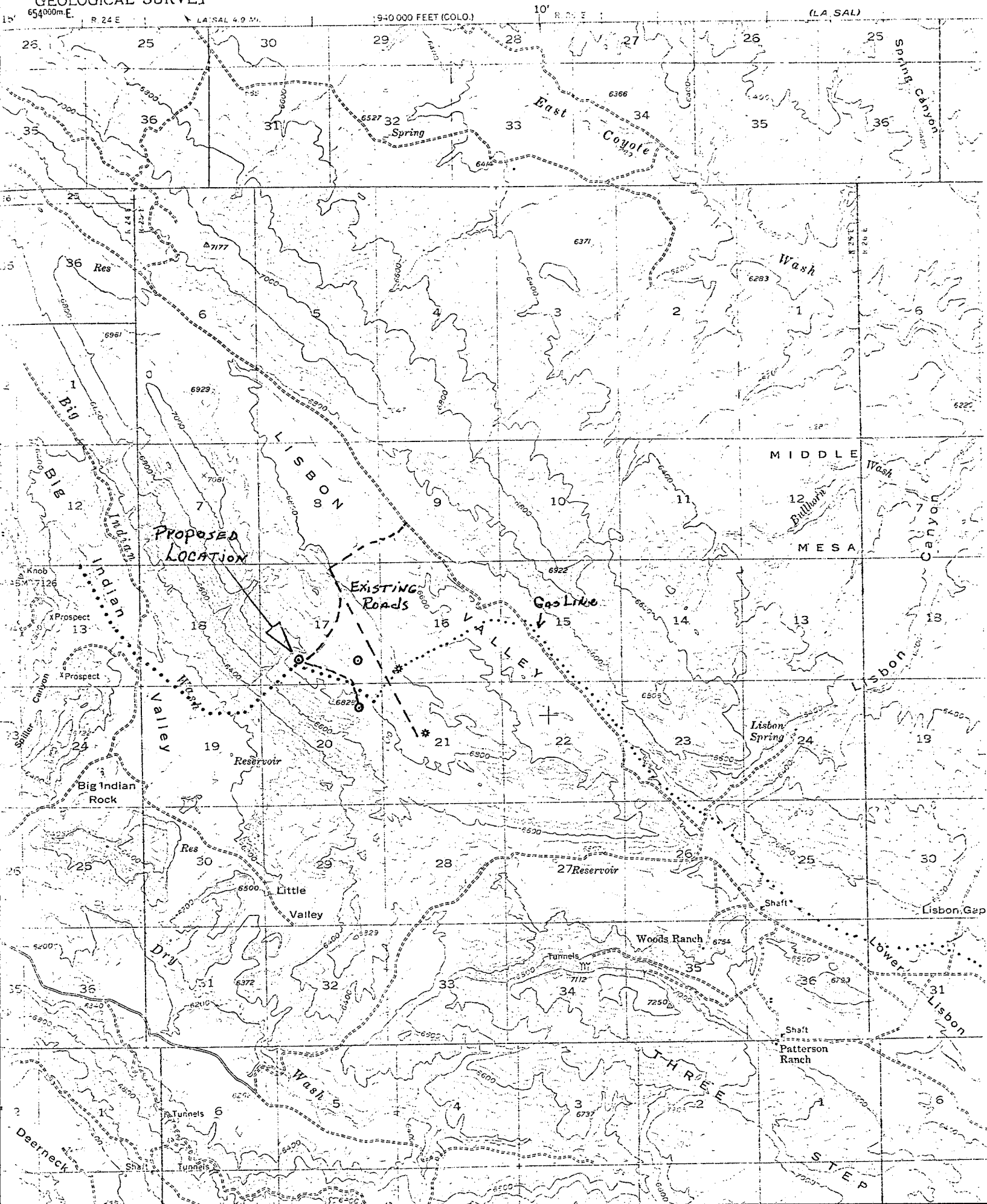
I, DO HEREBY CERTIFY THAT THIS
WELL LOCATION WAS SURVEYED
IN THE FIELD BY ME, MAY 1980.

Charles H. Skipper

C.H. SKIPPER UTAH L.S. 2624
SKIPPER RESOURCES, P.O. BOX 1117 MOAB, UTAH

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LITTLE VALLEY QUADRANGLE



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

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TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2000'

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600

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TO THIS WELL

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PERMIT NO.

APPROVAL DATE

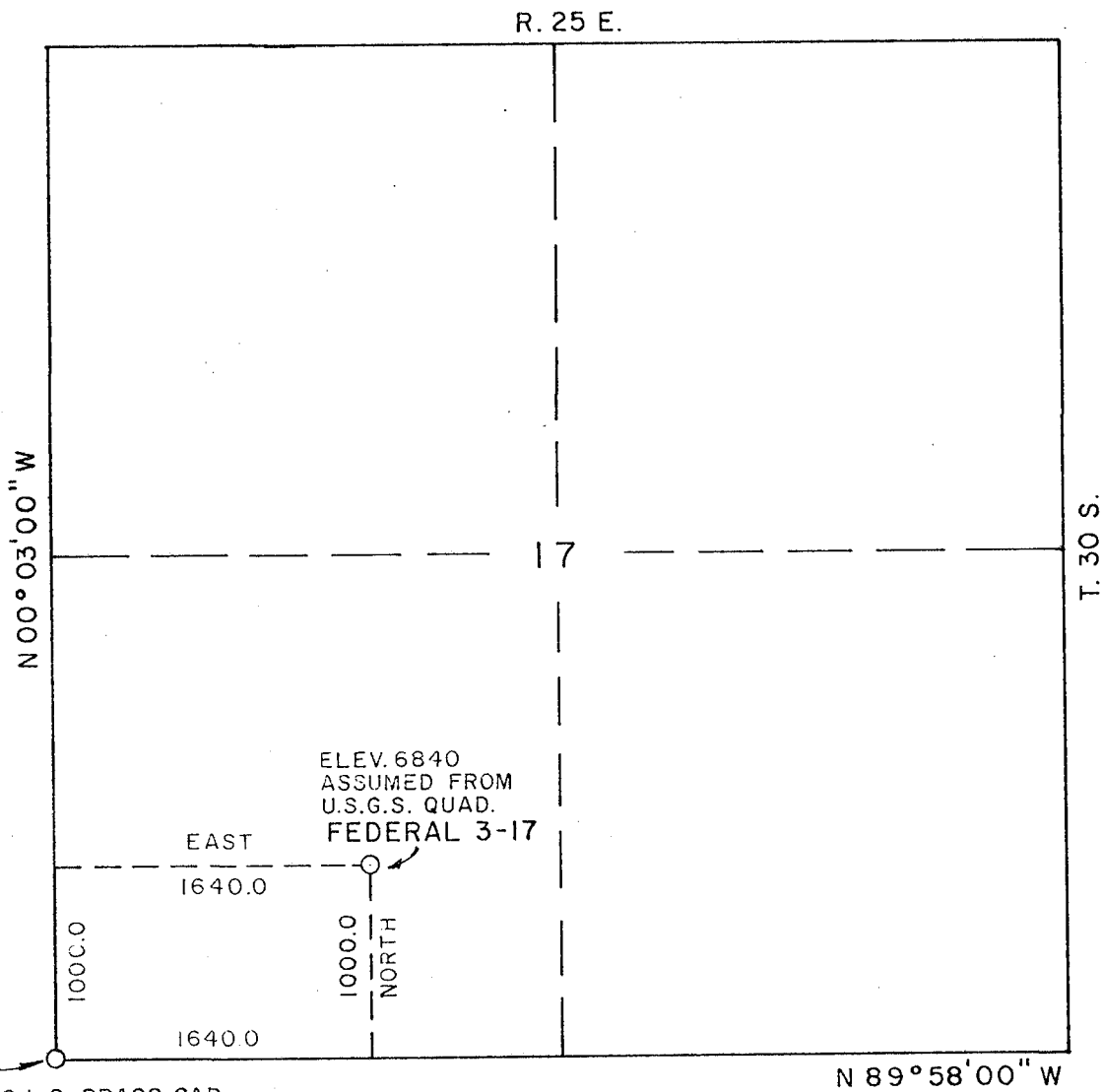
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



SCALE 1"=1000'

G.L.O. BRASS CAP
S.W. COR. SEC. 17,
T. 30 S., R. 25 E.,
S.L.B.M.

CORDILLERA CORP. FEDERAL 3-17 WELL

WITHIN THE

S.W. 1/4, SEC. 17, T. 30 S., R. 25 E., S.L.B.M.

SAN JUAN COUNTY, UTAH

I, DO HEREBY CERTIFY THAT THIS
WELL LOCATION WAS SURVEYED
IN THE FIELD BY ME, MAY 1980.

Charles H. Skipper

C.H. SKIPPER UTAH L.S. 2624
SKIPPER RESOURCES, P.O. BOX 1117 MOAB, UTAH

WELL CONTROL PLAN

CORDILLERA CORPORATION
Little Valley Field
Federal #3-17
SE SW Sec. 17, T30S, R25E, SLBM
San Juan County, Utah

1. Set 1000' 13 3/8" 48 lb. H-40 casing cemented with 580 sacks rey cement (circulated to surface) WOC 24 hours.
2. Install 13 3/8" x 12" 3000# casing head with 2-2" outlets, also 12" 900 x 12" 1500 adapter.
3. Install and pressure test 12" 5000# Hydril Double Ram BOP with rotating head.
4. Install choke manifold and kill lines consisting of:
 - 1 - positive 2" choke
 - 1 - adjustable 2" choke
 - 2 - 5000# valves and 4 - 1000# valvesManifold and kill lines tested to 5000 lbs.
5. Drill 12 1/4" hole to 5000' with air mist and/or aerated mud using brine water and P-1000 polymer. Clastic zones containing gas will be flared in pit to depletion.
6. Set 5000' of 9 5/8" 36, 40, and 43.5 lb. casing and cement with 500 sacks. WOC 24 hours and test to 2000 lbs. for 30 minutes.
7. Circulating medium will contain an H₂S scavanger and the pH will be maintained between 10 and 11 to prevent corrosion. Salt - saturated gel on lower part of hole maintaining 311,500 ppm NaCl, 9.0 - 9.2 weight, 35 - 40 viscosity and less than 10cc water loss.
8. According to offset wells, bottom hole pressure should be 2800 psi.
9. Auxiliary equipment consists of Kelly cocks, stabbing valves and visual type pit level control.
10. Safety engineer will be on location with breathing apparatus and control equipment to deal with potential presence of H₂S.
11. Anticipated formation tops:

Paradox	1600'
Top Salt	2100'
Lower Hermosa	8940'
Molas	9063'
Mississippian	9100'

Little Valley

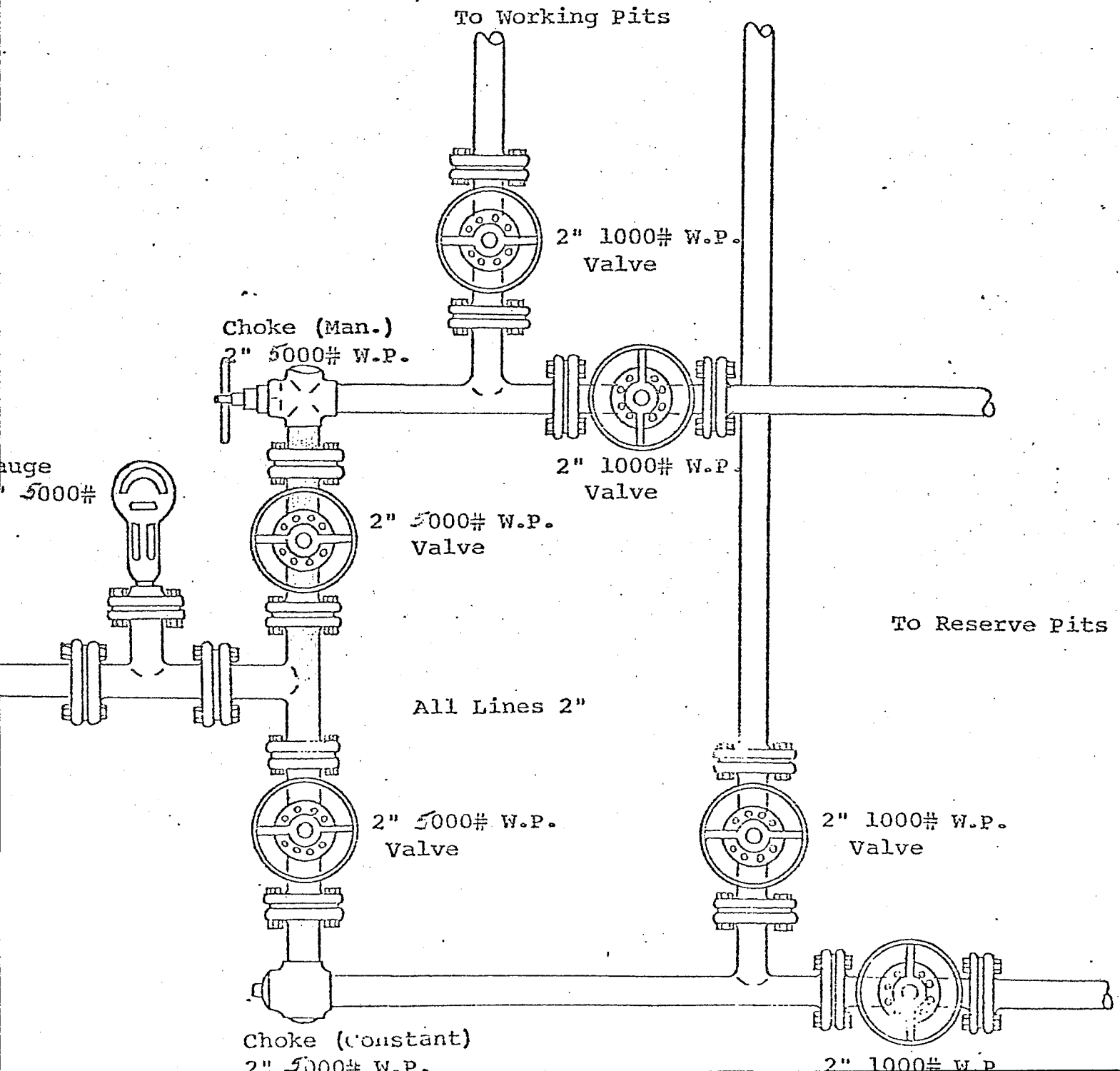
Well No. Federal 3-17

Location Sec. 17, T30S, R25E, SLBM

San Juan, Utah

SCHEMATIC OF BLOWOUT PREVENTER MANIFOLD

Working Pressure As SHOWN psig

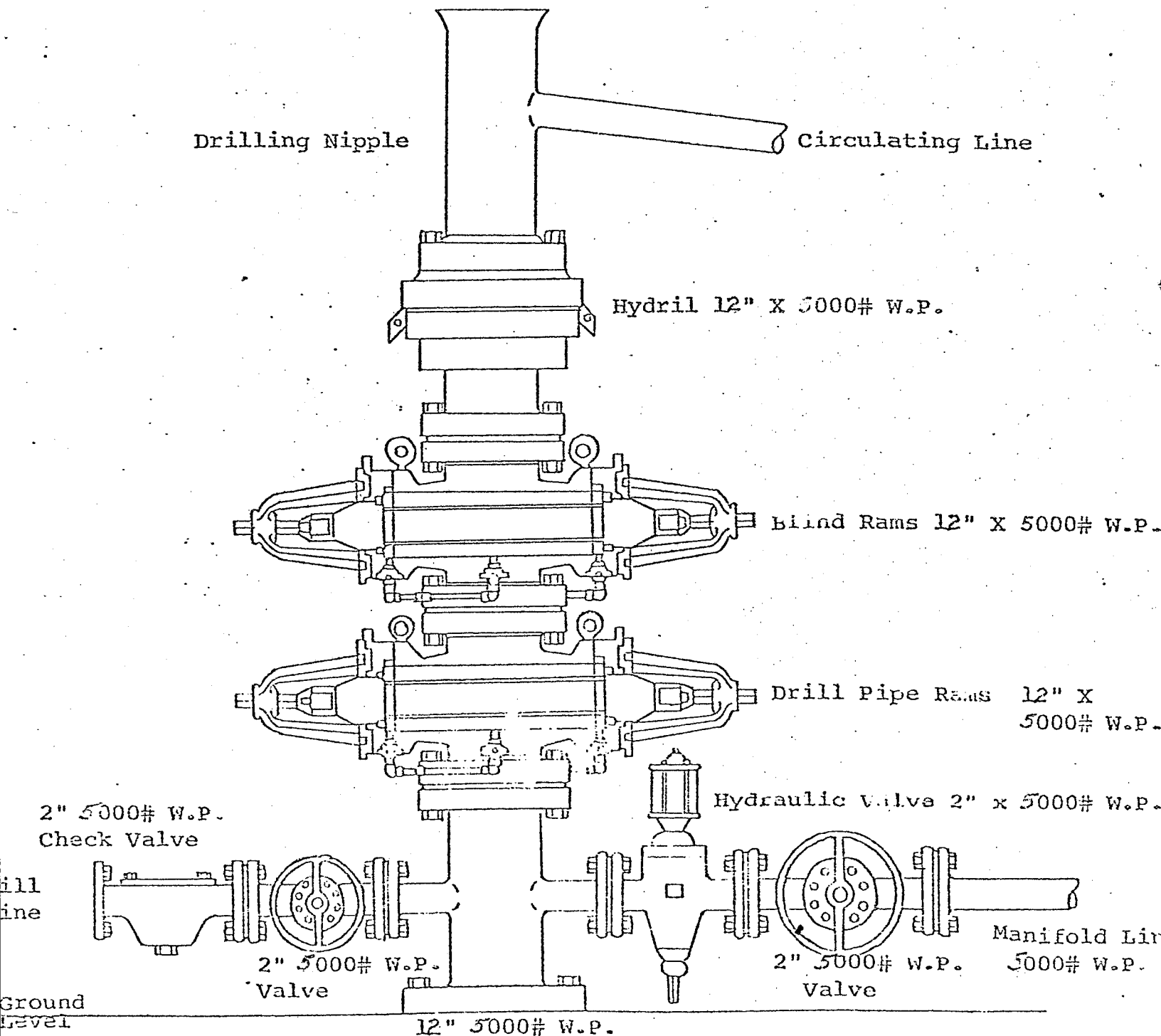


Well No. Federal 3-17

Location Sec. 17, T30S, R25E, SLBM

San Juan, Utah

SCHEMATIC OF BLOWOUT PREVENTER



MULTI-POINT SURFACE USE OPERATIONS PLAN

CORDILLERA CORPORATION
Little Valley Field
Federal #3-17
SE SW Sec. 17, T30S, R25E
San Juan County, Utah

I. EXISTING ROADS

1. Proposed well site shown on attached plat.
2. From La Sal Junction on U.S. 160, about 7 miles east on State 46, south on Lisbon Valley road approximately 9 miles, west on location road 1 1/2 miles, turn right on pipeline right-of-way to location.

II. PLANNED ACCESS ROAD

1. Normal maintenance on existing roads.
2. No new access road.
3. No private property will be crossed.
4. Roads will be maintained and/or restored to BLM specification when operations are completed. Brush will be cleared away from roadsides, and no traffic will be allowed off established roads.

III. LOCATION OF EXISTING WELLS

1. Attached map shows existing wells in the immediate area.

IV. PRODUCTION FACILITIES

1. A separator and two tanks will be located on the drilling location north of the well.

V. LOCATION AND TYPE OF WATER SUPPLY

1. Water will be trucked from a private well.
2. Salt water will be trucked from Moab Salt Well.

VI. CONSTRUCTION MATERIAL

1. No gravel or rock will be used on location or roads.

VII. WASTE DISPOSAL

1. Nonburnable trash will be collected and hauled to approved municipal dump sites.

2. A burn pit will be fenced off in the reserve pit for burnable items unless burning is not permitted.
3. A separate sump will be dug 6' deep, 12' square to handle waste oil from engines and toxic materials. This sump will be fenced during drilling operations and covered with 2' of dirt when drilling is completed.
4. Cuttings and drilling fluid will be collected in a reserve pit 100' by 40' with adequate dikes to prevent runoff from entering pit, and pit will be of sufficient depth to accommodate all fluids below ground level. Pit will be fenced and flagged.

VIII. AUXILIARY FACILITIES

1. No camps, runways or other support facilities will be necessary.

IX. WELL SITE LAYOUT

1. See attached plat.

X. PLANS FOR SURFACE RESTORATION

1. All waste pits will be filled.
2. Revegetation of site will be conducted as recommended by agency representative.
3. Fences around pits will be maintained until water has evaporated; then pits will be filled, leveled and seeded.
4. All debris will be removed from location, and the site will be left with natural contours where possible, with no sign of unnecessary foreign objects.

XI. OTHER INFORMATION

1. Proposed location has small amount of sparse grass, some surface rocks and scrub cedar.
2. Location close to small ravine.
3. No dwellings or ranching facilities are within a one-mile radius.
4. Area is used by Redd Ranch for grazing.
5. Wildlife concentration is normal for the area, no evidence of concentrated use of area for feeding grounds.
6. A Cultural Resource Inventory (attached hereto) of the proposed location has been performed by Grand River Consultants. This inventory disclosed the existence of a small quantity of rock chips, identified as Station Site 17-9. Additional testing was subsequently performed by such Consultants pursuant to the attached research design in early July. Such testing showed no evidence of any subsurface cultural materials. A written report confirming such finding will be provided as soon as received from Grand River Consultants.

XII. OPERATOR'S REPRESENTATIVES

Cordillera Corporation
2334 East Third Avenue
Denver, Colorado 80206

MR. JACK M. LUCEY (303) 355-3535
MR. CHARLES N. HAAS (303) 355-3535

XIII. CERTIFICATION

I hereby certify that I have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operation proposed herein will be performed by Cordillera Corporation and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

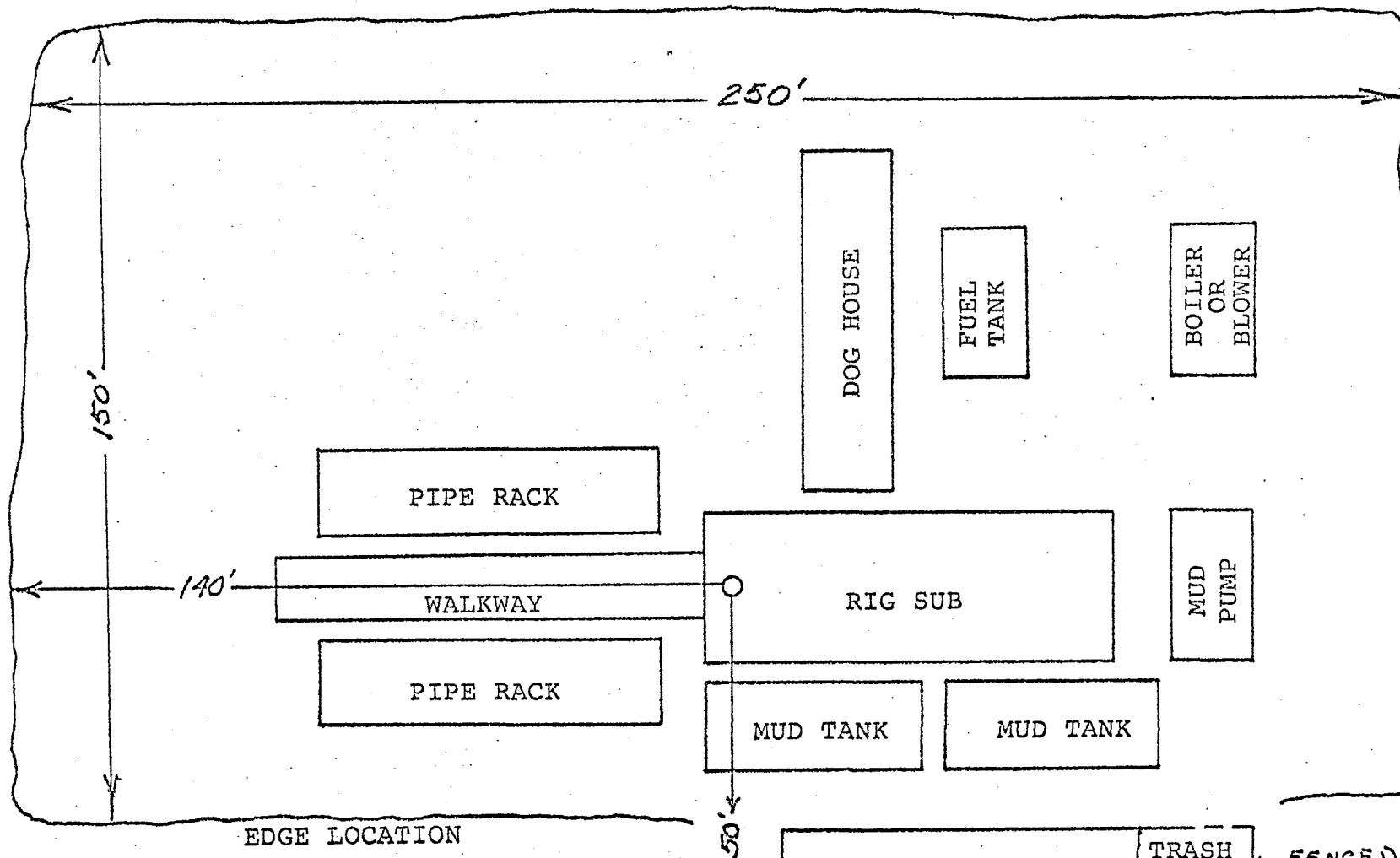
Date:

7/31/80

CORDILLERA CORPORATION



JACK M. LUCEY, ENGINEER



PROPOSED RIG AND LOCATION LAYOUT

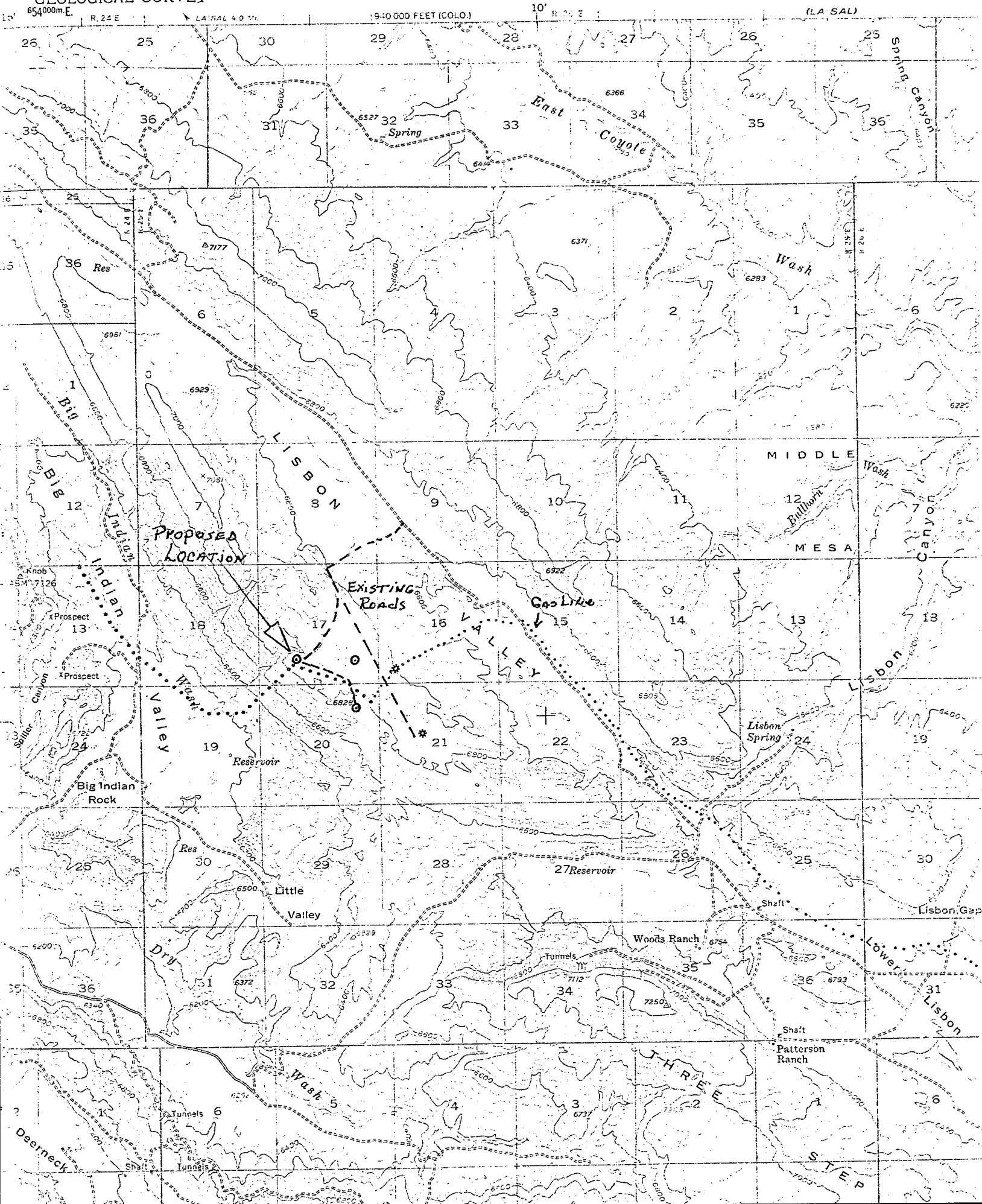
Well No. Federal 3-17

Location Sec. 17, T30S, R25E, SLBM

San Juan County, Utah

Little Valley

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



CULTURAL RESOURCE INVENTORY
of
CORDILLERA CORPORATION'S
FEDERAL #3-17
WELL SITE
SAN JUAN COUNTY, UTAH

GRC Report 8011

by
Robert K. Alexander, Ph.D.
Senior Archaeologist
GRAND RIVER CONSULTANTS, Inc.
576 25 Road Suite 11
Grand Junction, CO 81501
(303)241-0308

June 11, 1980

Prepared for:

CORDILLERA CORPORATION
2334 East Third Avenue
Denver, CO 80206

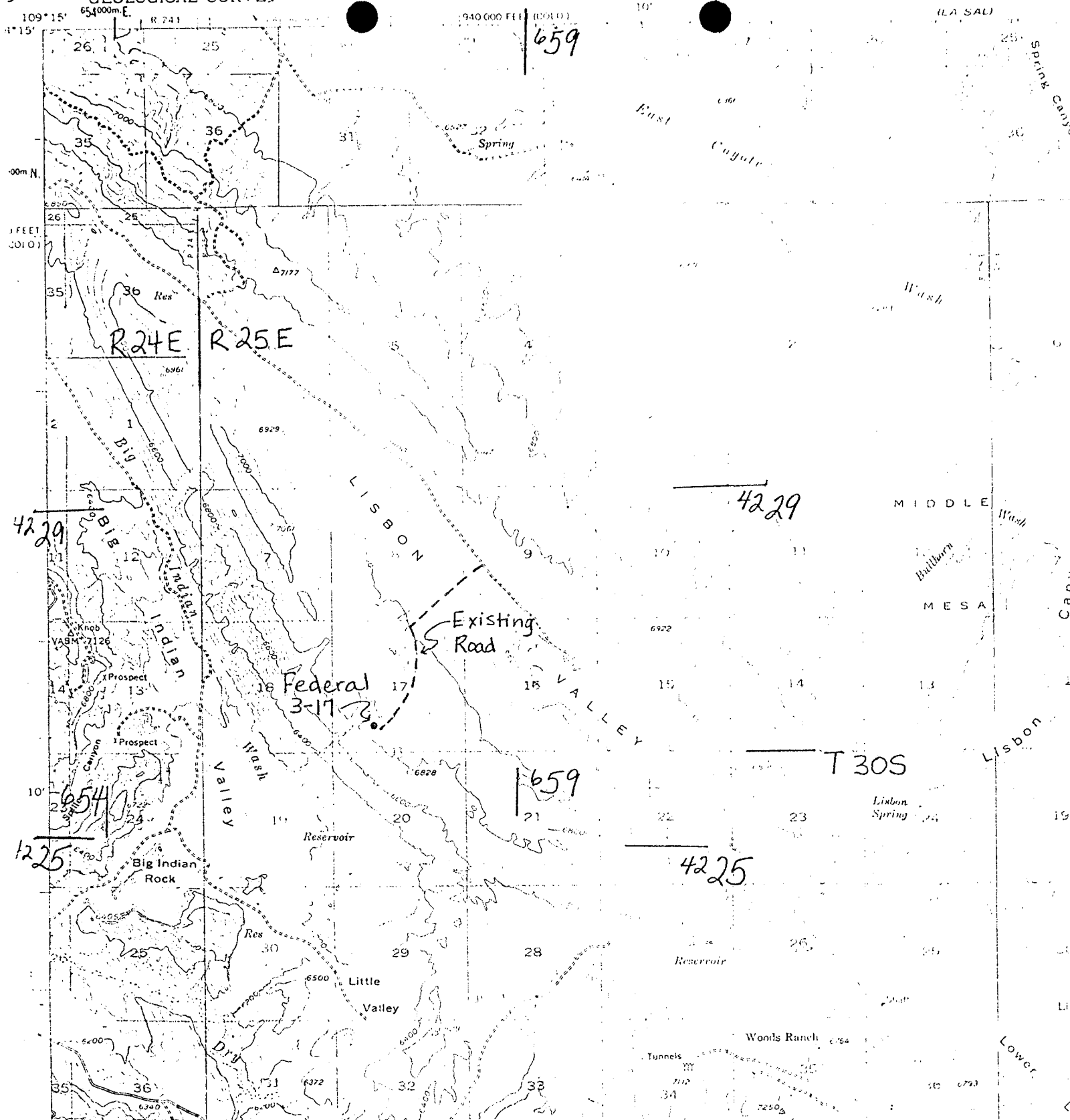
Distribution:

BLM - State Office (1)
District Office (1)
Resource Area Office (1)
State Antiquities Section (1)
Cordillera Corporation (1)

Summary Report of Inspection for Cultural Resources

Comments:

- UT 8100-3 (4/79)



Map of Lisbon Valley region showing location of proposed Cordillera Corporation's Federal #3-17 well site. Chipping station Site 17-9, identified by Centuries Research Lisbon Valley Project, is located on the proposed well pad. Lisbon Valley Quad, 1954 (15').

Research Design for Testing
Lisbon Valley Project Site 17-9
San Juan County, Utah

Introduction

On June 9, 1980, a routine cultural resource survey of Cordillera Corporation's Federal #3-17 well site in the Lisbon Valley, San Juan County, Utah, disclosed the fact that a small lithic scatter would be destroyed by well site construction. The scatter had just been recorded by the Bureau of Land Management's Lisbon Valley Project under contract to Centuries Research, Inc. of Montrose, Colorado. The temporary site number assigned by Centuries to the scatter is #17-9.

The site consists of a small and very concentrated surface scatter of chert flakes, most apparently the result of prehistoric bifacial tool thinning and retouch. No features or evidence of other activities were noted in the field, and it seems doubtful that the surface evidence represents a larger or more complex site with buried components (cf. Alexander, GRC Report 8011 submitted to the BLM on June 11, 1980). National Register evaluation of the site is therefore difficult based only upon the remains present on the surface of the site.

Proposal

GRC, Inc. and Cordillera Corporation therefore propose to gather additional evidence from the site for the purpose of developing a better basis for National Register evaluation. Of principal theoretical interest will be the determination of whether or not this site represents a single component - perhaps single activity - involving a very specific set of actions related to one phase of stone tool production.

The following methodology is proposed:

- 1) mapping, numbering and collecting all visible surface specimens for lithic technology analysis and permanent documentation;
- 2) excavating a standard 1 meter square test pit to test for possible subsurface artifacts, cultural stratigraphy or features;
- 3) preparing a final report of the test, including an assessment of lithic technology, description and map of site situation, testing procedures, test pit profiles if relevant, and a recommendation for National Register evaluation and preservation/mitigation;
- 4) specimens would ultimately be turned over to Mesa College for permanent curation.

**** FILE NOTATIONS ****

DATE: Aug 4, 1980

OPERATOR: Cordillera Corp

WELL NO: Well 3-17

Location: Sec. 17 T. 30S R. 25E County: San Juan

File Prepared: ☐

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-037-30587

CHECKED BY:

Petroleum Engineer: M.J. Minder 8-7-80

Director: _____

Administrative Aide: _____

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 70-3 1/25/78

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Well

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☒

August 8, 1980

Cordillera Corporation
2334 East Third Avenue
Denver, Colorado 80206

RE: Well No. Federal 3-17
Sec. 17, T. 30S, R. 25E.,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 70-3 dated January 25, 1978.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
HOME: 876-3001
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is Federal 3-17: 43-037-30587.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/bh

cc: USGS

April 21, 1981

Cordillera Corporation
2334 East, 3rd Avenue
Denver, Colorado 80206

Re: Well No. Federal #3-17
Sec. 17. T. 30S. R. 25E.
San Juan County, Utah

Gentlemen;

In reference to above mentioned well, considerable time has gone by since ~~approval~~ was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly gours,

DIVISION OF OIL, GAS, AND MINING



SANDY BATES
CLERK-TYPIST

CORDILLERA CORPORATION

2334 EAST THIRD AVENUE • DENVER, COLORADO 80206 • (303) 355-3535

April 29, 1981

State of Utah
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

RE: Well No. Federal #3-17 } L.A.
Sec. 17, T30S, R25E
San Juan County, Utah

Gentlemen:

In response to your letter of April 21, 1981 regarding our intentions for subject well, we have no current plans for drilling such well.

Yours truly,

CORDILLERA CORPORATION


Charles N. Haas
Vice President

CNH/jah

RECEIVED

MAY 1 1981

DIVISION OF
OIL, GAS & MINING